

Title: METHOD FOR SEPARATION OF GLYCOSAMINOGLYCAN FROM  
CORE PROTEIN OF PROTEOGLYCAN WITH THE USE OF XYLANASE  
Inventors: Keiichi TAKAGAKI et al  
Serial No.: Unknown  
Docket No.: 4364.P0018US

1/3

Fig.1 Schematic view of extracellular matrix and proteoglycan

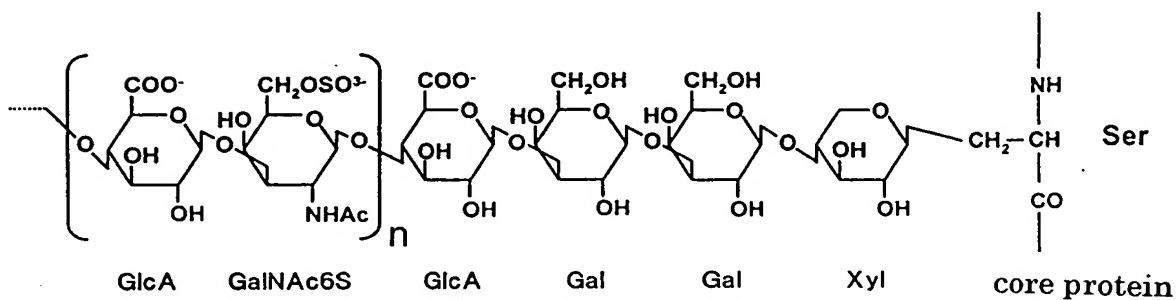
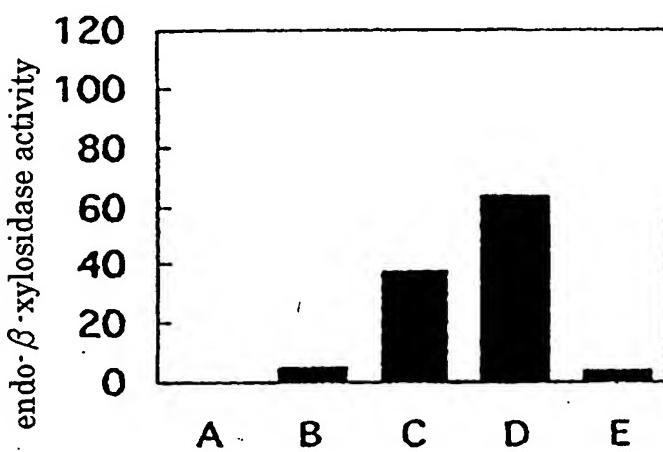


Fig.2 Comparison of endo- $\beta$ -xylosidase activity of various xylanases



Title: METHOD FOR SEPARATION OF GLYCOSAMINOGLYCAN FROM  
CORE PROTEIN OF PROTEOGLYCAN WITH THE USE OF XYLANASE  
Inventors: Keiichi TAKAGAKI et al  
Serial No.: Unknown  
Docket No.: 4364.P0018US

2/3

Fig.3 HPLC before and after MU-GAG hydrolysis by xylanase from *S. olivaceoviridis*

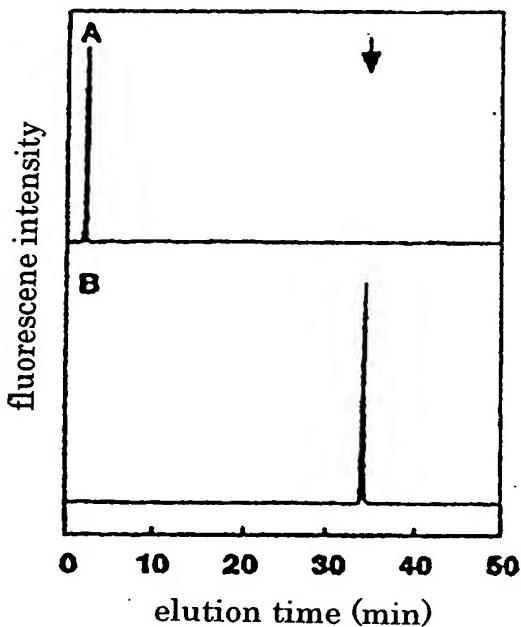
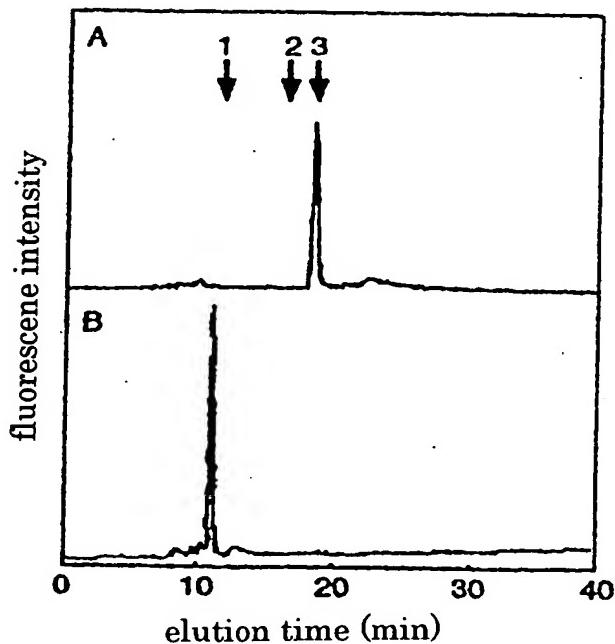


Fig.4 Analyzing results of reduction terminal of hydrolysis reaction product



Title: METHOD FOR SEPARATION OF GLYCOSAMINOGLYCAN FROM  
CORE PROTEIN OF PROTEOGLYCAN WITH THE USE OF XYLANASE  
Inventors: Keiichi TAKAGAKI et al  
Serial No.: Unknown  
Docket No.: 4364.P0018US

3/3

Fig.5 pH activity curve

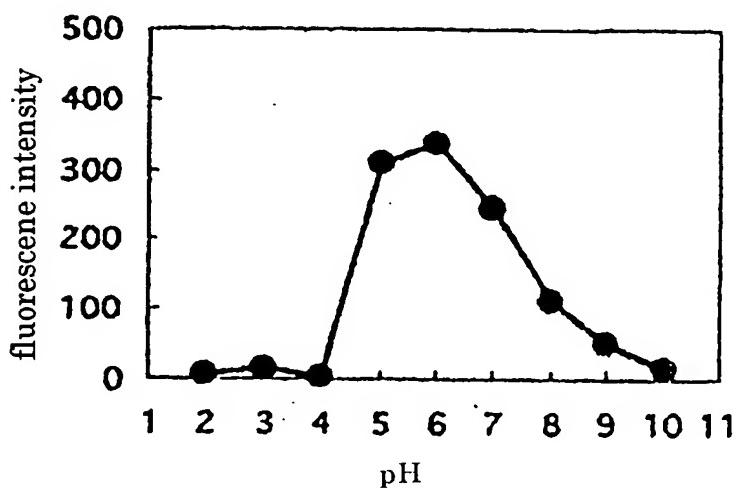


Fig.6 Change by time lapse

